AMENDMENTS TO THE DRAWING FIGURES

In the drawing figures, please replace Figure 4 and Figure 5 with the attached replacement sheets, which incorporate changes made to originally filed Figure 4 and Figure 5, respectively.

REMARKS

1. Correction of mistakes in paragraphs [0036] and [0037], and figures 4 and 5.

Applicant has corrected mistaken description and illustration of the operation of the color conversion apparatuses 30 and 51 shown in Fig.4 and Fig.5 and described in paragraphs [0036] and [0037], respectively.

As originally filed, paragraph [0036] states "the output of the g1 lookup table 34, which is the result of the multiplication of G*g1; the output of the b1 lookup table 36, which is the result of the multiplication of B*b1; and the gamma corrected R-value r1-gamma are added together by the first adder 46." However, original paragraph [0036] also mistakenly stated an incorrect connection of the components of Fig.4 that does not match the description stated above, and the incorrect connection was shown in original Fig.4. Applicant has amended paragraph [0036] and Fig.4 to show the correct connection of the components as matching the above-stated description. No new matter is entered by the amendments to paragraph [0036] and Fig.4.

Similarly, as originally filed, paragraph [0037] states "The output of the g1 lookup table 52, which is the result of the multiplication of G*g1, and the output of the b1 lookup table 54, which is the result of the multiplication of B*b1, are added together by the first adder 64. The second adder 66 adds together the output of the r2 lookup table 56, which is the result of the multiplication of R*r2, and the output of the b2 lookup table 58, which is the result of the multiplication of B*b2. Similarly, the third adder 68 adds together the output of the r3 lookup table 60, which is the result of the multiplication of R*r3, and the output of the g3 lookup table 62, which is the result of the multiplication of G*g3." However, original paragraph [0037] also mistakenly stated an incorrect connection of the components of Fig.5 that does not match the above-stated description, and this incorrect

connection was shown in original Fig.5. Applicant has amended paragraph [0037] and Fig.5 to show the correct connection of the components as matching the above-stated description. No new matter is entered by the amendments to paragraph [0037] and Fig.5.

3. In the claims

Claims 1 – 20 are cancelled.

New claims 21 – 40 are introduced. Claims 21 and 31 are independent, and claims 22-30 and 32-40 pertain to further embodiments, as shown in Figs.4-5 for example. No new matter is entered.

Concerning the patentability of the newly added independent claim 21 with respect to the prior art of record (Champion -US 6,774,953), applicant points out that new claim 21 includes an adding circuit for summing a first converted color element being outputted by a first lookup table and a second converted color element being outputted by a second lookup table. The first converted color element is outputted by the first lookup table according to a first color element of the input color, and the second converted color element is outputted by the second lookup table according to a second color element of the input color. As Champion et al. do not teach this exact structure or operation, nor suggest such a structure and operation, applicant asserts newly added independent claim 21 should be allowable over Champion et al. A similar argument applies to newly added independent claim 31, and the dependent claims should be allowable for at least the same reasons. Consideration of new claims 21-40 is respectfully requested.

Sincerely,

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Winston Hsu Date: March 01, 2005

Winston Hsu, Patent Agent No. 41,526
P.O. BOX 506, Merrifield, VA 22116, U.S.A.
Voice Mail: 302-729-1562
10 Facsimile: 806-498-6673
e-mail : winstonhsu@naipo.com

Note: Please leave a message in my voice mail if you need to talk to me. The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan).

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